

BOREHOLE LOG

Project Name: VANDENBERG AFB IRP: OU 2, Site 20, Landfill 1/DDS-1								
Project Number: 01K78601			Borehole No.: 20-MW-10			Sheet 1 of 2		
Borehole Location: 2099136.21 N, 5801826.81 E						Elevation and Datum: 458.00 feet MSL		
Drilling Contractor: Tri-County Drilling, Inc.			Date Started: 05/04/98			Date Ended: 05/04/98		
Drilling Equipment: CME-550			Total Depth: 56.5 feet			Groundwater Depth: N/A		
Drilling Method: Hollow Stem Auger			Sampling Method: Split Spoon			Borehole Diameter: 8 inches		
Driller: M. Ferguson			Borehole Abandonment: Completed as 2" piezometer					
Hammer Information: Automatic Hammer. 140-lb and 30-inch drop			Logged By: D. Peeler			Checked By: M. Anderson		

Depth (feet)	Lithologic Description	Symbol	USCS	Sample	Sample Number	Blow Counts	Field OVA (ppm)	Remarks
	SAND, yellowish brown (10YR 5/6), slightly moist, loose.		SP				0	Hand augered to 7 feet
	Same as above, wet (perched water)							
5	CLAYEY SAND, yellowish brown (10YR 5/6), with dark grayish brown (2.5Y 4/2) sandy clay lenses, dry, stiff, nonplastic.		SC				0	
10	SANDY CLAY, olive brown (2.5Y 4/3), slightly moist, stiff.		CL				0	
15	Same as above, grayish brown (2.5Y 5/2), dry, low plasticity.		CL				0	
20	CLAY, grayish brown (2.5Y 5/2), slightly moist, soft, high plasticity, with little fine grained sand.		CL				0	
25							0	
30	SANDY CLAY, grayish brown (2.5Y 5/2), slightly moist, stiff, with fine to coarse sand-sized rock		CL				0	

BOREHOLE LOG

Project Name: VANDENBERG AFB IRP: OU 2, Site 20, Landfill 1/DDS-1

Project Number: 01K78601

Borehole No.: 20-MW-10

Sheet 2 of 2

Depth (feet)	Lithologic Description	Symbol	USCS	Sample	Sample Number	Blow Counts	Field OVA (ppm)	Remarks
35	fragments and little rounded gravel (up to 1/2").		CL				0	
	Same as above, increasing gravel.		CL				0	Harder drilling.
40							0	
45	GRAVELLY CLAY, grayish brown (2.5Y 5/2), slightly moist, stiff, medium plasticity.		CL				0	
	Same as above, angular, elongate, shale gravel.		CL				0	
50	SANDY CLAY, olive brown (2.5Y 4/4), slightly moist, soft, high plasticity, with rounded, elongate, shale gravel.		CL				0	
	Same as above, with angular gravel.		CL					Harder drilling.
	Same as above, very stiff.		CL					
55	ROCK, dark brown (10YR 3/3), laminated, dry, nonplastic, friable.		RX			16 24 44	0	Very hard drilling.
60	End of boring at 56.5 feet below ground surface. Groundwater not encountered. Boring completed as 2" piezometer.							
65								
70								